

Title (en)

COOLING SYSTEM FOR COOLING HEAT-GENERATING INSTALLATIONS AND FOR MAINTAINING THE TEMPERATURE OF CLOSED-OFF AREAS AT BELOW CABIN TEMPERATURE IN AN AIRCRAFT

Title (de)

KÜHLSYSTEM ZUM KÜHLEN VON WÄRMEERZEUGUNGSANLAGEN UND ZUM HALTEN DER TEMPERATUR VON ABGESCHLOSSENEN BEREICHEN UNTER KABINENTEMPERATUR IN EINEM FLUGZEUG

Title (fr)

SYSTEME DE REFRROIDISSEMENT SERVANT A REFRROIDIR DES INSTALLATIONS THERMIQUES ET A MAINTENIR LA TEMPERATURE DE ZONES FERMEES A UNE TEMPERATURE INFERIEURE A CELLE DE LA CABINE D'UN AVION

Publication

**EP 1704091 A1 20060927 (EN)**

Application

**EP 04804435 A 20041230**

Priority

- EP 2004014850 W 20041230
- DE 10361686 A 20031230

Abstract (en)

[origin: WO2005063567A1] In a cooling system (10) for cooling heat-generating installations (44, 46, 48) in an aircraft, with a refrigerating installation (12), at least one refrigeration consumer (44, 46, 48) and a refrigeration transport system (14) connecting the refrigerating installation (12) and the refrigeration consumer (44, 46, 48), it is provided that the refrigerating installation (12) comprises at least one refrigeration machine (18, 20) which covers the maximum refrigeration requirement of the at least one refrigeration consumer (44, 46, 48) and in that the at least one refrigeration consumer (44, 46, 48) is supplied with cold generated in the refrigerating installation (12) via a refrigerating agent circulating in the refrigeration transport system (14).

IPC 8 full level

**B64D 11/04** (2006.01); **B64D 13/06** (2006.01); **F25D 17/02** (2006.01)

CPC (source: EP US)

**B64D 11/04** (2013.01 - EP US); **B64D 13/06** (2013.01 - EP US); **F25D 17/02** (2013.01 - EP US); **B64D 2013/0629** (2013.01 - EP US); **B64D 2013/0674** (2013.01 - EP US); **F25B 2400/06** (2013.01 - EP US); **Y02T 50/50** (2013.01 - EP US)

Citation (search report)

See references of WO 2005063567A1

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